

2019 Public Power Week

Energy Thief Scavenger Hunt



Do the Scavenger Hunt with your family and find out if you have Energy Thieves lurking in your home. Check the answer box that best matches you and your home. There are no wrong answers, so be honest. As each home is different, only answer 10 of the questions that apply to your home.



WakeForest
P O W E R

A Division of the Town of Wake Forest

Public Power Week is October 6-12

Complete the 2019 Public Power Week Scavenger Hunt questionnaire to identify Energy Thieves in your home and be entered to win a prize at the evening session of the Energy Expo on Oct. 10, 6-7:30 pm.

TO ENTER Complete the questionnaire on the next page.

Mail or deliver your completed registration form and Scavenger Hunt to: Wake Forest Town Hall, 301 S. Brooks St., Wake Forest, NC 27587 or fax to 919-435-9489.

DEADLINE Completed forms and puzzles must be received no later than **5 pm, Wednesday, Oct. 9.** We will draw the names of three winners from the pool of eligible participants during the evening session of the Energy Expo, Thursday, Oct. 10, 6-7:30 pm at Wake Forest Town Hall.

REGISTRATION FORM To register, please provide the following information:

NAME: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

SCHOOL NAME: _____

EMAIL ADDRESS: _____

Would you like to receive occasional email updates about Town of Wake Forest programs and events? ☐ Yes ☐ No

NOTE: Only current Wake Forest Power residential electricity customers are eligible to participate in this contest. Only ONE submission per customer will be accepted. Town of Wake Forest employees are not eligible to participate.

1. INSULATION: Ask an adult at home how much insulation you have in the attic.

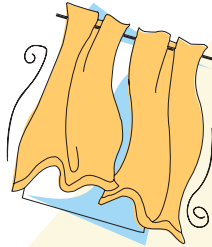
- ☐ 6 inches or less (2 pts.)
- ☐ 7-11 inches (4 pts.)
- ☐ 12 inches or more (6 pts.)

2. FURNACE FILTERS: Ask an adult at home how often your filters were cleaned or changed in the last year.

- ☐ Not at all (2 pts.)
- ☐ 1-3 times (4 pts.)
- ☐ 4 or more (6 pts.)

3. WINDOWS: How many layers of glass do your windows have?

- ☐ Single-pane with no storm windows (2 pts.)
- ☐ Single-pane with storm windows or double-pane (4 pts.)
- ☐ Double-pane with reflective coating or gas-filled (6 pts.)



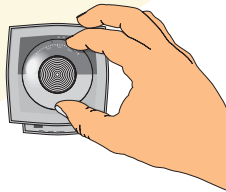
4. THERMOSTAT: At what temperature do you set your thermostat when you are home and awake?

In heating seasons (winter):

- ☐ 73° or more (1 pt.)
- ☐ 70°-72° (2 pts.)
- ☐ 69° or less (3 pts.)

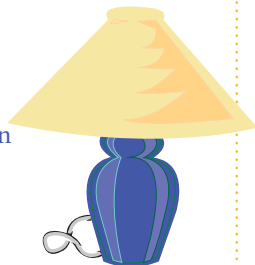
In cooling seasons (summer):

- ☐ 74° or less (1 pt.)
- ☐ 75°-77° (2 pts.)
- ☐ 78° or more (3 pts.)



5. WEATHERSTRIPPING: Open your front door and check the condition of the weatherstripping between the door and the door frame.

- ☐ None (2 pts.)
- ☐ Worn out (4 pts.)
- ☐ Good condition (6 pts.)

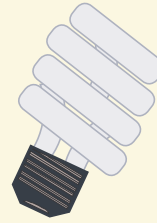


6. LIGHTS: How often do you turn lights off when you leave a room?

- ☐ Almost Never (2 pts.)
- ☐ Sometimes (4 pts.)
- ☐ Always (6 pts.)

7. LIGHT BULBS: Count the number of compact fluorescent light bulbs (CFLs) you have in your house.

- ☐ No CFL bulbs (2 pts.)
- ☐ 1-4 CFL bulbs (4 pts.)
- ☐ 5 or more CFLs (6 pts.)



8. COOKING: How often does your family keep the lids on pots and pans when cooking meals?

- ☐ Almost never (2 pts.)
- ☐ Sometimes (4 pts.)
- ☐ Always (6 pts.)



9. ELECTRICITY: Search your house for the Energy Star® symbol. (hint: electronics or appliances) How many did you find?

- ☐ No Energy Star® labels found (2 pts.)
- ☐ 1-2 Energy Star® labels found (4 pts.)
- ☐ 3 or more Energy Star® labels found (6 pts.)



10. WATER HEATER: Find the Energy Guide label on your water heater and look at the efficiency rating. How much energy does it use compared to similar models?

- ☐ Uses the most energy (2 pts.)
- ☐ Uses average amount of energy (4 pts.)
- ☐ Uses the least energy (6 pts.)

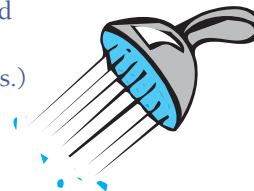


11. LAUNDRY: At what water temperature do you wash your clothes?

- ☐ Mostly HOT water (2 pts.)
- ☐ Mostly WARM water (4 pts.)
- ☐ Mostly COLD water (6 pts.)

12. HOT WATER USE (Shower): How much time do you spend in the shower?

- ☐ 15 minutes or more (2 pts.)
- ☐ 10 minutes (4 pts.)
- ☐ 5 minutes (6 pts.)



How Did You Score?

Total Points = _____

Add up points from the 10 questions you answered for your total.

45-60 AWESOME!! You're doing a great job of busting those Energy Thieves in your home. Keep up the good work!

31-44 ALMOST! You're on your way to becoming an Energy Thief buster, but there's more to do. Those Thieves might be creeping into areas of your house like your attic (think "Insulation!")— or add weatherstripping around drafty doors and windows to stop them from sneaking in.

20-31 OH NOOO! Taking the Energy Thief Scavenger Hunt is the first step. The next step is to bust the Energy Stealers lurking in your home. They live in places that need insulation, like the attic. In the winter, try to use less heat in your home by wearing warmer clothes. During hot summer days, close the shades and use fans to cool off.

Change 4 for the planet!

Families that replace the four most used 75-watt incandescent bulbs with 23-watt compact fluorescent bulbs can save more than 2000 kWh and \$190 over the life of the bulbs. If all U.S. households did this, we'd save as much energy as is consumed by some 38 million cars in one year!

